Bluetooth USB Adapter

Installation Guide

VERSION 1.1

Bluetooth

Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

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WELCOME

Thank you for your purchase of the Bluetooth USB Adapter. Featuring Bluetooth wireless technology, Bluetooth USB Adapter creates cable-free connections between your PCs and other Bluetooth devices. Bluetooth USB Adapter is following Bluetooth v1.2 specification and is compatible with all Bluetooth v1.1 or v1.2-certified devices.

FEATURES

- Compliant with Bluetooth standard version 1.2.
- Support for Microsoft Windows 98SE, Me, 2000 and XP.
- Easy operation and setting up.

SYSTEM REQUIREMENTS

- Processor : Intel Celeron / Pentium III, IV; AMD Duron / Athlon
- Operating System : Microsoft Windows 98SE / ME / 2000 / XP
- System memory : 32MB at least
- Hard Drive Free Space : 11.5MB

BEFORE YOU START

1). Remove any Microsoft native driver.
2). Please remove any previous version of Widcomm Bluetooth software existing in your system. The remove procedures are as follows:

Step 1 : Click Start/Settings, then select Control Panel.
Step 2 : In the Control Panel window, double click Add/Remove programs icon.
Step 3 : Find out the item Widcomm Bluetooth Software x.x.x.x then remove it.

DRIVER SUPPORT

Two Bluetooth drivers are supported under Windows XP (SP2) :

1). Windows XP (SP2) native Bluetooth driver.

Windows XP (SP2) is supporting Broadcom USB Bluetooth dongle now. The installation is simple and easy, just plug Bluetooth donge into USB port of your PC, Windows XP will automatically find its driver for it.

Microsoft driver only supports limited Bluetooth profiles. You can choose Widcomm driver for more advanced purposes.

2). Widcomm Bluetooth driver.

After Windows XP (SP2) native Bluetooth driver is installed, you also can install one additional Widcomm driver for advanced features, such as supporting more Bluetooth profiles, easy and friendly user interface...etc.

Put Widcomm Driver CD into CD drive of your PC, then install it.

Once Widcomm driver is installed, it will automatically take over previous Windows XP native driver. Two drivers are co-existig in your system now, but only Widcomm driver is enabled and Windows XP driver is disabled.

Condition 1 : Windows and Widcomm drivers co-exist in your PC.

1). Plug Bluetooth dongle to your system first, get Windows XP driver support.
2). Put Widcomm Driver CD into CD drive of your PC, then install it.
3). Refer to "Change Bluetooth Driver" section to learn how to change driver between them.

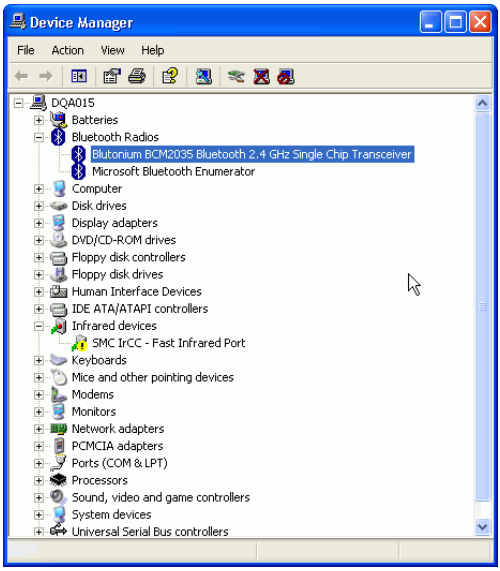
Condition 2 : Only Widcomm driver exists in your PC.

1). DO NOT plug Bluetooth dongle to your system first.
2). Put Widcomm Driver CD into CD drive of your PC, then install it. During installation, it will ask you to plug in dongle, please do it to complete the installation.

Now, you have only one Widcomm driver existed in your system. It is impossible to turn on Windows native driver. Unless you remove Widcomm driver, then follow steps 1 to 3 in Condition1 to have both drivers supported.

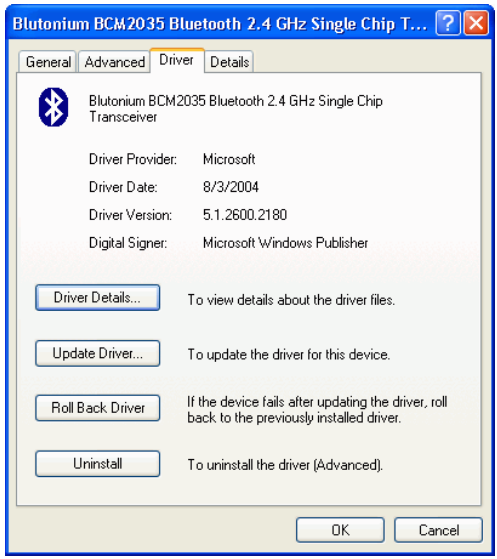
1 WINDOWS NATIVE DRIVER

Step 1 : Remove any Widcomm Bluetooth driver.
Click START, select Control Panel, select System, select Device Manager.
In Bluetooth Radios, make sure there is no Widcomm Bluetooth driver installed before.
If there is any, go to Control Panel window, double click Add/Remove programs to remove Widcomm driver.



Step 2 : Plug the Bluetooth USB adapter into USB port of your PC, Windows XP (SP2) will automatically find this adapter and activate its native driver for it.
After driver was installed :
Click START -> Settings.
Select Control Panel.
Select System.
Select Device Manager ->Hardware.
In Bluetooth Radios, you can find a Windows native driver :
Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver.

Step 3 :
Right-click Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver and then select Property, click on Driver page.
You can see driver provider is Microsoft.



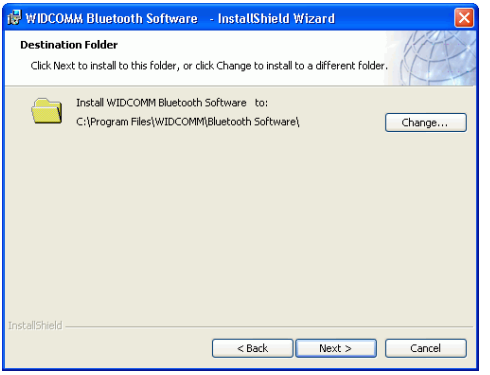
2 INSTALLING WIDCOMM DRIVER

The following steps tell you how to install the Widcomm driver.

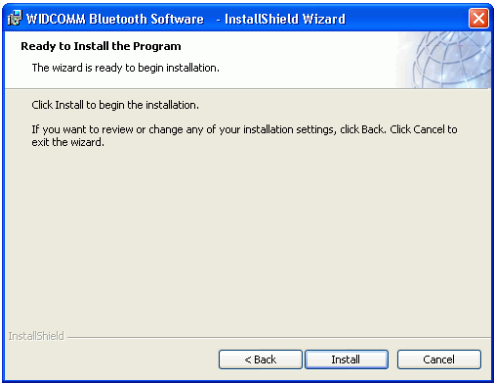
Step 1 :
Put Widcomm Driver CD into CD drive of your PC, an AutoInstall program will start to guide you to complete the installation step by step.
You also can find **Setup.exe** from the given Widcomm Driver CD or downloaded driver files, and double click on it to install Widcomm Bluetooth Software. It opens the InstallShield Wizard dialog box, then click **Next**.

Step 2 : Accept the software license agreement. Click **Next**.

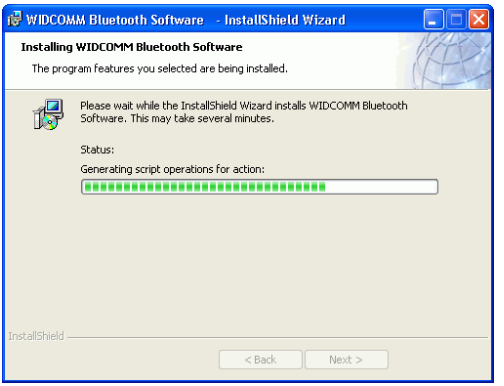
Step 3 : Select destination folder, you can choose the default or change to your favorite.



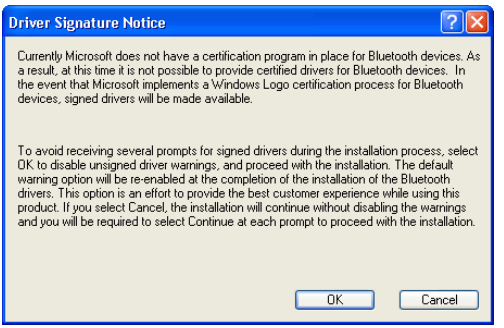
Step 4 : Click **Install** to start the installation.



Step 5 : Files copying in process...

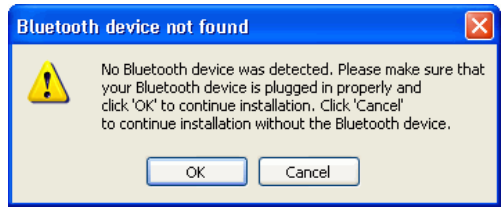


Step 6 : Click **OK** to ignore un-signed driver warning.

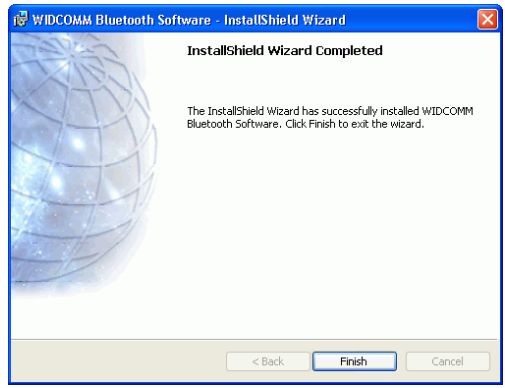


Step 7 : If Bluetooth dongle is plugged in your PC now, this screen will not be displayed. If NOT, then it will show up.

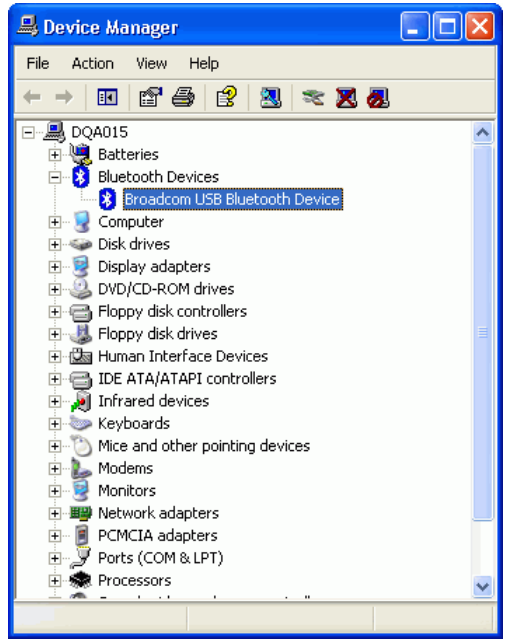
One reminding window will show up to ask you to **PLUG IN** Bluetooth USB adapter.
Plug in your USB adapter if it has not been plugged in before.
Click **OK** to continue.



Step 8 : Installation is complete . My Bluetooth Places should appear on your desktop and a similar icon also appears on the lower right corner of your screen. You can double click on desktop or right click on the lower right corner of your screen, then click "Explore My Bluetooth Places" menu to start "My Bluetooth Places" program.



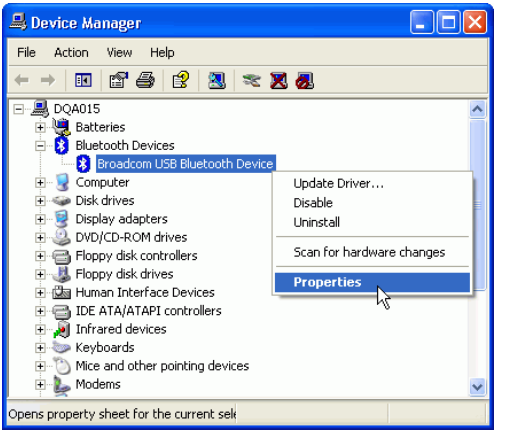
Step 9 :
Click START -> Settings.
Select Control Panel.
Select System.
Select Device Manager ->Hardware.
In Bluetooth Radios, you can find a new Widcomm driver :
Broadcom USB Bluetooth Device.



3 CHANGE BLUETOOTH DRIVER

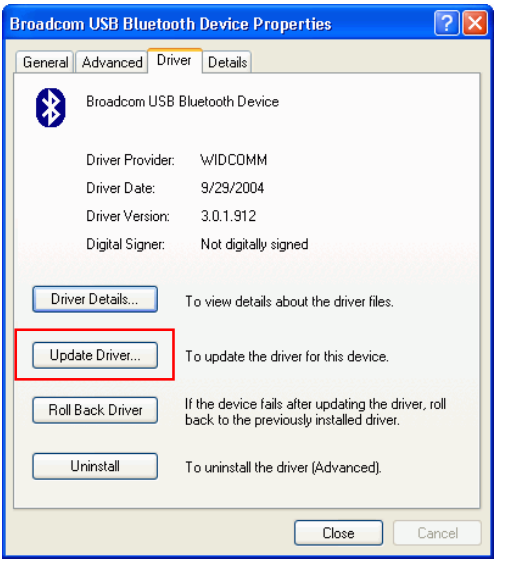
As described in page 2, condition 1, we first get Windows native driver support, then install Widcomm driver to replace it. Now, in our system, there are two Bluetooth drivers : 1). Widcomm driver which is enabled, and 2). Windows XP driver which is disabled in the background.
We want to disable Widcomm driver, and enable Windows XP driver, the steps are :

Step 1 :
Click START -> Settings.
Select Control Panel.
Select System.
Select Device Manager ->Hardware.
In Bluetooth Radios, you can find Widcomm driver :
Broadcom USB Bluetooth Device.



Step 2 :
Right-click Broadcom USB Bluetooth Device and then select Property, click on Driver page.

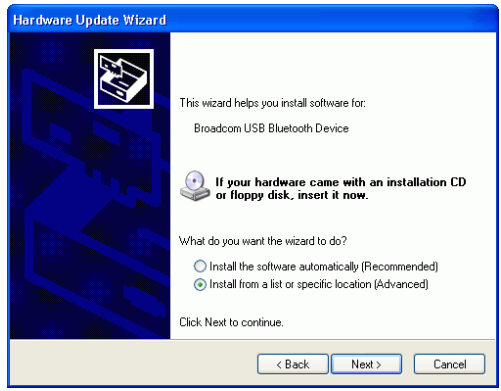
Click Update Driver.



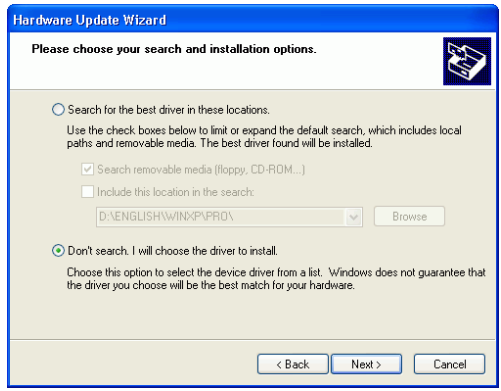
Step 3 :
Select : Yes, this time only.
Click Next.

Step 4 :
Default is : Install the software automatically (Recommended).
Please do not select it.

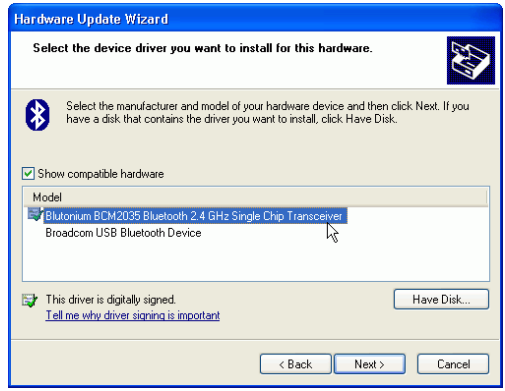
Select Install from a list or specific location (Advanced). Then click Next.



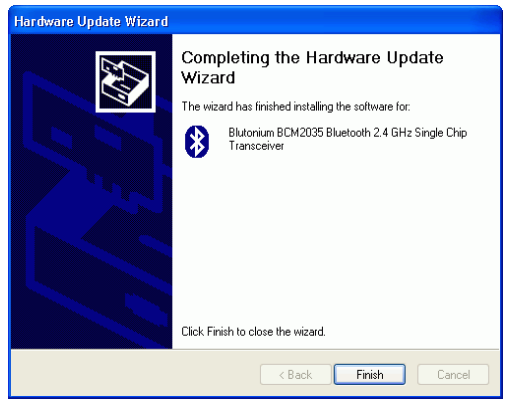
Step 5 :
Dafault is Search for the best driver in these locations. Please do not select it.
Select Don't search. I will choose the driver to install.
click Next.



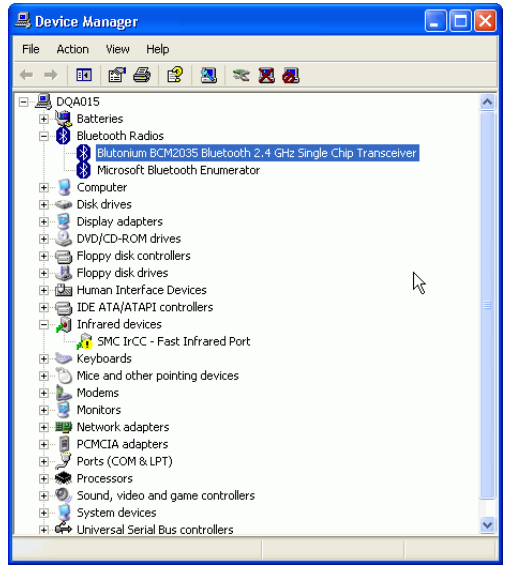
Step 6 :
Select Windows XP native driver Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver, then click Next.



Step 7 :
Click Finish.



Step 8 :
After these update driver steps, you will see only Windows XP native driver Blutonium BCM2035 Bluetooth 2.4GHz Single Chip Transceiver in the Device Manager page.

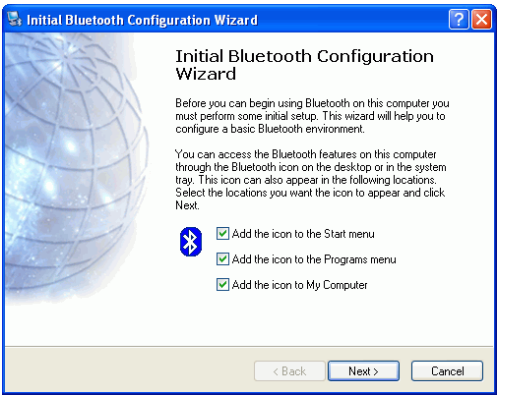


You also can follow the same steps from step 1 to step 8 to change Windows XP driver back to Widcomm driver.

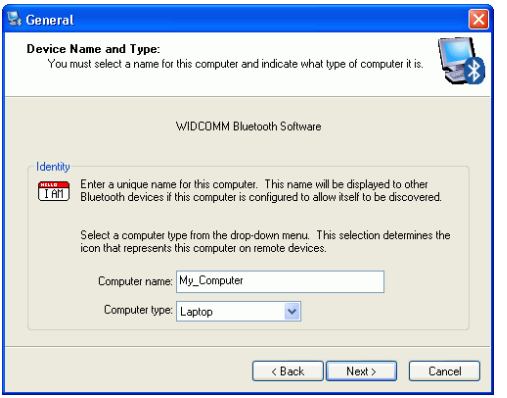
4 SELECT BLUETOOTH SERVICES

When the first time Widcomm driver is installed, and USB Bluetooth Dongle is plugged to your system, you can configure your Bluetooth services for your system.

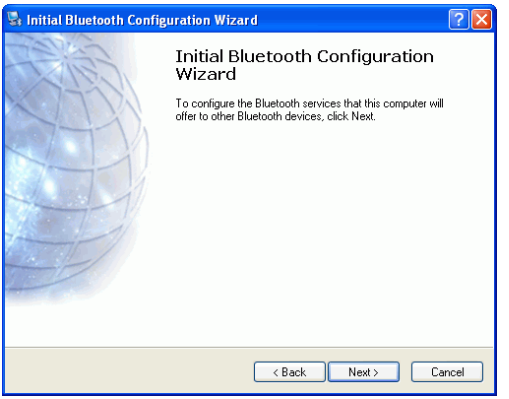
Step 1 : Double-click on the bluetooth icon on the lower-right corner of the screen, you will see configuration wizard, Click Next button.



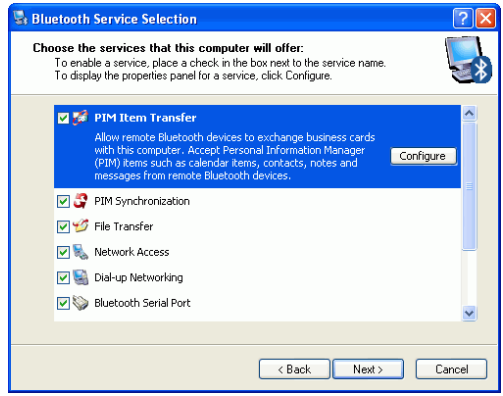
Step 2 : Assign computer name and specify computer type, then click Next button. These can be customer defined.



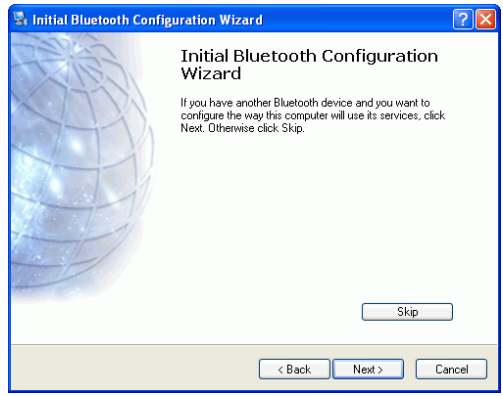
Step 3 : Click Next button to configure Bluetooth services.



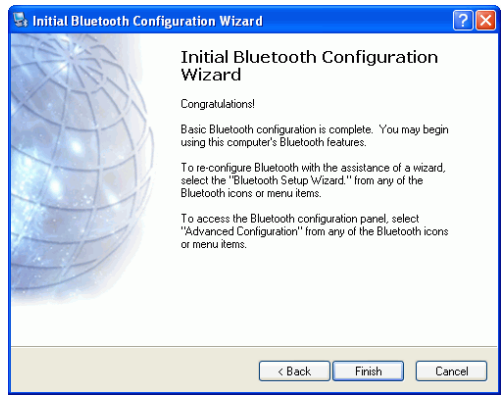
Step 4 : The default setting is that all services are available, you can check or uncheck one or more services, then click Next button.



Step 5 : Click Skip.

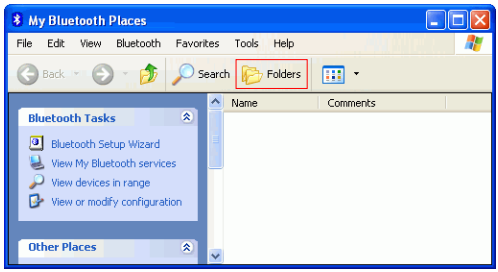


Step 6 : Configuration is completed. Click Finish.



5 MY BLUETOOTH PLACES

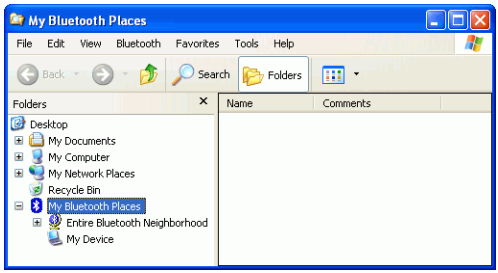
Step 1 :
Method 1 :
Double click My Bluetooth Place icon on your desktop.
Click Folder on the toolbar. Folder window will appear on left side of your screen.



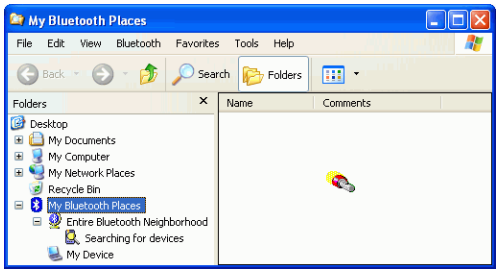
Method 2:
Right click on the lower right hand corner of your screen.
Select Explore My Bluetooth Places.

Two folders appear on the window. They are :

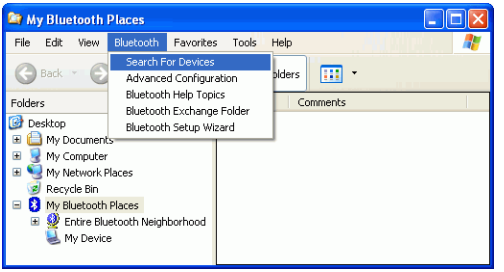
Entire Bluetooth Neighborhood and My Device.



Step 2 :
Click Entire Bluetooth Neighborhood to search for devices available to you. Once Bluetooth devices are detected, their icons together with device names will be displayed on the screen.

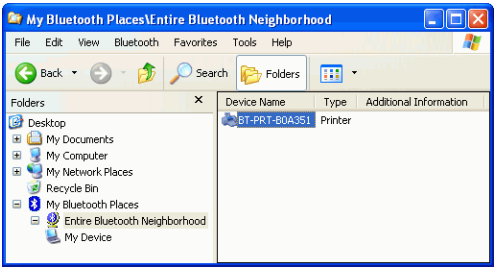


You also may start a search for devices by clicking Bluetooth from the toolbar.



Step 3 :

In this example, One Bluetooth printer device is found in your Bluetooth neighborhood.



The "My Bluetooth Places" program provides an easy way to find different application services through Bluetooth connections. A variety of Bluetooth services and explanations can be found in the "Help" file of the "My Bluetooth Places" program.

APPENDIX A

Safety Guide :

- Read and follow all instructions and warnings provided.
- Save these instructions for future use.
- When service or replacement of parts is required, ensure work is done by a qualified technician.
- Do not use this unit near water or in a rainy/moist environment.
- Do not attempt to service this product yourself. Doing so will expose you to various hazards including dangerous voltage.
- Unit must be used with adult supervision at all times. Children must not be allowed to handle.

Remember !

Any electrical equipment is hazardous if handled improperly.

INFORMATION TO USER

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT NOTE:
FCC Radiation Exposure Statement:

- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

One Year Limited Warranty

- This device is guaranteed against manufacturing defects for one full year from the original date of purchase.
- This warranty is valid at the time of purchase and is non-transfer able.
- This warranty must be presented to the service facility before any repair can be made.
- Sales slip or other authentic evidence is required to validate warranty.
- Damage caused by accident, misuse, abuse, improper storage, and/or uncertified repairs is not covered by this warranty.
- All mail or transportation costs including insurance are at the expense of the owner.
- Do not send any product to service center for warranty without a RMA (Return Merchandise Authorization) and proof of purchase. Ensure a trackable method of delivery is used (keep tracking number).
- Warranty is valid only in the country of purchase.
- We assumes no liability that may result directly or indirectly from the use or misuse of these products.

IMPORTANT

" This warranty will be voided if the device is tampered with, improperly serviced, or the security seals are broken or removed"